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Attorney Docket No. NUCL-006/01US
Application No. 10/560,377
(US Nat'l. Stage of PCT/US04/19229
Page 1

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of Catherine J. PACHUK et al. Conf

Confirmation No.: 3823

Application No.: 10/560,377

Group Art Unit: To Be Assigned

Int'l. Filing Date: June 10, 2004

Examiner: To Be Assigned

For: Conserved HBV and HCV Sequences Useful for Gene Silencing

Commissioner for Patents
U.S. Patent and Trademark Office
Customer Service Window, Mail Stop Amendment
Randolph Building
401 Dulany Street
Alexandria, VA 22314

### INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.97(b)

In accordance with the duty of disclosure set forth in 37 C.F.R. §1.56, Applicant(s) hereby submits the following information in conformance with 37 C.F.R. §§1.97 and 1.98.

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Attorney Docket No. NUCL-006/01US Application No. 10/560,377 (US Nat'l. Stage of PCT/US04/19229 Page 2

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| [x] | Documents 1 and 2 were cited in a Search Report mailed September 16, 2005 (cited herein as document 3), in Applicants' related PCT patent application no. PCT/US2004/019229, filed June 10, 2004.  |
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| USPTO Customer N<br>COOLEY GODWARD KR<br>ATTN: Patent Group  | No. 58249  | By:                     | Respectfully COOLEY GO       | submitted, DWARD KRONISH LLP                    |  |  |  |  |  |  |
| The Bowen Building<br>875 15th Street, NW St<br>Washington, DC 2000<br>Phone: (202) 842-7800   | )5-2221  | <i>5</i> <sub>7</sub> . | Bonnie Weis<br>Reg. No. 43,2 |   |  |  |  |  |  |  |

Fax: (202) 842-7899

Attorney Docket No. Application No. 10/560,377 (US Nat'l. Stage of NUCL-006/01US INFORMATION DISCLOSURE CITATION PCT/US04/19229) several sheets if necessary) Applicants: Catherine J. PACHUK et al. PAGE 1 of 1 HTO Form 1449 Int'l. Filing Date: June 10, 2004 Group Art Unit: To Be Assigned U.S. PATENT DOCUMENTS Class Sub-Class Filing Date Initial Document No. Date Name FOREIGN PATENT DOCUMENTS Class Sub-Class Translation Document No. Date Country /B.P./ WO 03/070918 A2 08/28/2003 WIPO OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.) Holen et al., "Similar behaviour of single-strand and double-strand siRNAs suggests they act through a common /B.P./ RNAi pathway," Nucl. Acids Res. 31:2401-2407 (2003). Macchia, "International Search Report," from PCT/US2004/019229, filed June 10, 2004, 8 pages, European Patent /B.P./ 3. Office, Rijswijk, The Netherlands (mailed September 16, 2005). Examiner Date Considered 06/18/2009 /Bo Pena/ Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in

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Dated: <u>Dec. 26, 2006</u>

USPTO Customer No. 58249 COOLEY GODWARD KRONISH LLP ATTN: Patent Group The Bowen Building

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Respectfully submitted, COOLEY GODWARD KRONISH LLP

By: Bonnie Weiss McLeod

Reg. No. 43,255

#### Attorney Docket No. Application No. NUCL-006/01US INFORMATION DISCLOSURE CITATION 10/560,377 (US Nat'l. Stage of . PCT/US04/19229) (Use several sheets if necessary) Applicants: Catherine J. PACHUK et al. PAGE 1 of 1 PTO Form 1449 Int'l. Filing Date: June 10, 2004 Group Art Unit: To Be Assigned U.S. PATENT DOCUMENTS Document No. Class Sub-Class Date Filing Date /B.P./ 6,518,417 02/11/2003 Sczakiel et al. FOREIGN PATENT DOCUMENTS Document No. Date Country Class Sub-Class Translation /B.P./ 2. WO 2005/014806 02/17/2005 WIPO OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.) Mackenzie, "Written Opinion," from SG 200507781-3, filed June 10, 2004, 6 pages, Australian Patent Office 3. /B.P./ (mailed October 12, 2006). Mackenzie, "Search Report," from SG 200507781-3, filed June 10, 2004, 7 pages, Australian Patent Office (mailed 4. October 12, 2006). Andino, "RNAi puts a lid on virus replication," Nat. Biotechnol 21(6):629-630 (2003). 5. 6. Couzin, "Mini RNA Molecules Shield Mouse Liver From Hepatitis," Science 299:995 (2003). Hamasaki et al., "Short interfering RNA-directed inhibition of hepatitis B virus replication," FEBS Letters 543:-51-7. 54 (2003). Kapadia et al., "Interference of hepatitis C virus RNA replication by short interfering RNAs," Proc. Natl. Acad. 8. Sci. USA 100(4):2014-2018 (2003). 9. McCaffrey et al., "RNA interference in adult mice," Nature 418:38-39 (2002). McCaffrey et al., "Inhibition of hepatitis B virus in mice by RNA interference," Nat. Biotechnol. 21(6):639-644 10. (2003).Seo et al., "Small Interfering RNA-Mediated Inhibition of Hepatitis C Virus Replication in the Human Hepatoma Cell Line Huh-7," J. Virol. 77(1):810-812 (2003). Shlomai and Shaul, "Inhibition of Hepatitis B Virus Expression and Replication by RNA Interference," Hepatology 12. 37:764-770 (2003). Wilson et al., "RNA interference blocks gene expression and RNA synthesis from hepatitis C replicons propagated 13. in human liver cells," Proc. Natl. Acad. Sci. USA 100(5):2783-2788 (2003). Examiner Date Considered /Bo Peng/ 06/18/2009 Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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| IN    | FORMATION DISCLOSURE              | Filing Date            | June 19, 2006              |  |  |
|       | FATEMENT BY APPLICANT             | First Named Inventor   | Catherine J. Pachuk et al. |  |  |
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| /B.P./                | ВІ                       | WO 04/078181 (A1)   | 09-16-2004                     | CAPITAL BIOCHIP<br>COMPANY, LTD. &<br>TSINGHUA UNIVERSITY |   |    |  |  |
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| Examiner  | /Ro Pond/ | Date       | . 06/18/2009 |
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By:

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875 15th Street, NW Suite 800 Washington, DC 20005-2221

Phone: (202) 842-7800 Fax: (202) 842-7899

Respectfully submitted, COOLEY GODWARD KRONISH LLP

Bonnie Weiss McLeod

Reg. No. 43,255

| INFORM                | /AT                                  | ION DISCLOSURE  | CITATION                              | Attorney Docket No.<br>NUCL-006/01US                              |                      |                       | plication No.<br>10/560,377 |
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| /B.P./                | 1.                                   | Ford, "International Pre<br>United States Patent and    | liminary Report<br>d Trademark Off    | On Patentability," from PCT/US ice, IPEA/US, (mailed January 3    | 04/19229<br>1, 2007) | 9, filed June 1       | 10, 2004, 5 pages,          |
| /B.P./                | 2.                                   | Giladi <i>et al.</i> , "Small Int<br>(2003).            | erfering RNA Inl                      | hibits Hepatitis B Virus Replicat                                 | ion in M             | ice," <i>Mol</i> . Th | er. 8(5):769-776            |
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